

# United States Patent [19]

Fluehmann

[11] 4,207,777

[45] Jun. 17, 1980

[54] ONE WAY GEAR TRAIN

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[21] Appl. No.: 958,470

[22] Filed: Nov. 7, 1978

[51] Int. Cl.<sup>2</sup> ..... F16H 55/06

[52] U.S. Cl. ..... 74/462; 74/414;  
74/421 R

[58] Field of Search ..... 74/411.5, 413, 414,  
74/415, 421 R, 437, 460, 462, 457

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## [57] ABSTRACT

A gear train comprising a drive gear, a driven gear and an idler arranged in a common plane so that both drive gear teeth and idler teeth mesh with the driven gear teeth. The teeth are asymmetric and the idler and drive gears are reflections of one another about a line. Rotation can be transmitted in one sense only and in direction from drive gear to driven gear only. The arrangement may be advantageously employed in timepieces such as electric wrist watches where a stepping motor drives time indicating hands.

7 Claims, 1 Drawing Figure

